FUJITSU Server PRIMERGY will give you the servers you need to power any workload and changing business requirements. As business processes expand so does the need for applications. Each has its own resource footprint, so you need a way to optimize your computing to better serve your users. PRIMERGY systems will help you match your computing capabilities to your business priorities with our complete portfolio of expandable PRIMERGY tower servers for remote and branch offices, versatile rack-mount servers, compact and scalable blade systems, as well as hyper-converged scale-out servers. They convince by business proven quality with a wide range of innovations, highest efficiency cutting operational cost and complexity, provide more agility in daily operations, and integrate seamlessly to let help you concentrate on core business functions.

The FUJITSU Server PRIMERGY CX scale-out systems are the ideal basis for cloud, hyper-converged and high performance computing solutions. They provide data centers as well as branch offices with massive computing power for virtualized environments, complex calculations as well as consolidation and high-availability scenarios.

PRIMERGY CX2550 M2

The PRIMERGY CX2550 M2 is a compact server node enabling highest computing density with four independent servers in 2U. It is ideal for high performance computing, hosting, and hyper-converged stacks as well as in dedicated Big Data environments. Combined in a PRIMERGY CX400 M1 multi-node system the servers provide an aggregated scale-out performance of a total of 8 CPUs of the latest Intel® Xeon® processor E5-2600 v4 product family, 64 DDR4 memory DIMMs and up to 24 storage drives in a condensed 2 U rack enclosure. With a huge performance potential, high energy efficiency and at the same time attractive investment costs

the PRIMERGY CX2550 M2 provides great versatility to match even ambitious workloads.
## Features & Benefits

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High-end HPC server nodes</strong></td>
<td>50% less rack space used as compared to equivalent standard rack servers. Higher server density results in more performance per rack unit.</td>
</tr>
<tr>
<td>Four PRIMERGY CX2550 M2 server nodes, each with two processors, 16 DDR4 memory DIMMs, and up to six local storage drives can be smartly packaged into a condensed 2U rack enclosure.</td>
<td></td>
</tr>
<tr>
<td><strong>Latest technology</strong></td>
<td>Boost your general computing performance by up to 38% compared to the previous generation.</td>
</tr>
<tr>
<td>Up to two Intel® Xeon® processor E5-2600 v4 product family with up to 22 cores and 55 MB cache, advanced Turbo Boost 2.0 technology, Hyper Threading, two accelerated QPI links and internal Memory Management Unit.</td>
<td>The new DDR4 memory technology provides higher performance with lower power requirements.</td>
</tr>
<tr>
<td>16 DIMMs per server node with up to 1,024 GB DDR4 memory and up to 2,400 MHz DRAM bandwidth.</td>
<td>Each additional degree in the data center means approximately 5-6 percent less energy costs for air-conditioning.</td>
</tr>
<tr>
<td>Cool-safe® Advanced Thermal Design enables operation in a higher ambient temperature.</td>
<td></td>
</tr>
<tr>
<td><strong>Shared infrastructure &amp; easy serviceability</strong></td>
<td>Decreased energy consumption, lower investment, yet still redundant operation. Lower energy budgets for a comparable performance as with standard rack servers.</td>
</tr>
<tr>
<td>Server nodes share central cooling fans and hot-plug power supplies in the 2U PRIMERGY CX400 M1 chassis.</td>
<td>Each single server can be serviced without affecting the other nodes in the chassis. Redundancy for shared components provides uniform higher availability.</td>
</tr>
<tr>
<td>Hot-plug for server nodes, power supplies and disk drives enable enhanced availability and easy serviceability.</td>
<td></td>
</tr>
<tr>
<td><strong>Optional liquid cooling solution</strong></td>
<td>Helps to reduce data center cooling costs by over 50% and leads to less power draw of servers.</td>
</tr>
<tr>
<td>The optional direct-to-chip hot water (40 °C / 105 °F) based Cool-Central® Liquid Cooling captures between 60-80% of the servers heat</td>
<td>Allows for 2.5-5x higher data center density to realise even ambitious projects.</td>
</tr>
<tr>
<td>Removes heat directly from CPUs and memory modules within the server, eliminating the need to cool these components</td>
<td></td>
</tr>
</tbody>
</table>
Technical details

**PRIMERGY CX2550 M2**

<table>
<thead>
<tr>
<th></th>
<th>PRIMERGY CX2550 M2 air cooling</th>
<th>PRIMERGY CX2550 M2 liquid cooling</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Base unit</strong></td>
<td>PRIMERGY CX2550 M2 air cooling</td>
<td>PRIMERGY CX2550 M2 liquid cooling</td>
</tr>
<tr>
<td><strong>Housing types</strong></td>
<td>Air-cooled node</td>
<td>Liquid-cooled node</td>
</tr>
<tr>
<td><strong>Product Type</strong></td>
<td>Dual Socket 1U Server Node</td>
<td>Dual Socket 1U Server Node</td>
</tr>
<tr>
<td><strong>Mainboard</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mainboard type</strong></td>
<td>D 3343</td>
<td></td>
</tr>
<tr>
<td><strong>Chipset</strong></td>
<td>Intel® C610</td>
<td></td>
</tr>
<tr>
<td><strong>Processor quantity and type</strong></td>
<td>2 x Intel® Xeon® processor E5-2600 v4 product family</td>
<td></td>
</tr>
</tbody>
</table>
Processor

- **Intel® Xeon® processor E5-2603v4**: 6C/6T, 1.70 GHz, Turbo: No, 6.4 GT/s, Mem bus: 1.866 MHz, 85 W, AVX Base 1.70 GHz
- **Intel® Xeon® processor E5-2609v4**: 8C/8T, 1.70 GHz, Turbo: No, 6.4 GT/s, Mem bus: 1.866 MHz, 85 W, AVX Base 1.70 GHz
- **Intel® Xeon® processor E5-2620v4**: 8C/16T, 2.10 GHz, Turbo: 2.30 GHz, 8.0 GT/s, Mem bus: 2.133 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 2.30 GHz
- **Intel® Xeon® processor E5-2623v4**: 4C/8T, 2.60 GHz, Turbo: 2.90 GHz, 8.0 GT/s, Mem bus: 2.133 MHz, 85 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz
- **Intel® Xeon® processor E5-2630v4**: 10C/20T, 1.80 GHz, Turbo: 2.00 GHz, 8.0 GT/s, Mem bus: 2.133 MHz, 55 W, AVX Base 1.30 GHz, AVX Turbo 2.00 GHz
- **Intel® Xeon® processor E5-2637v4**: 4C/8T, 3.50 GHz, Turbo: 3.60 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 135 W, AVX Base 2.20 GHz, AVX Turbo 3.50 GHz
- **Intel® Xeon® processor E5-2640v4**: 10C/20T, 2.40 GHz, Turbo: 2.60 GHz, 8.0 GT/s, Mem bus: 2.133 MHz, 90 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz
- **Intel® Xeon® processor E5-2643v4**: 6C/12T, 3.40 GHz, Turbo: 3.60 GHz, Mem bus: 2.400 MHz, 135 W, AVX Base 2.80 GHz, AVX Turbo 3.60 GHz
- **Intel® Xeon® processor E5-2650Lv4**: 14C/28T, 1.70 GHz, Turbo: 2.00 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 95 W, AVX Base 1.20 GHz, AVX Turbo 1.70 GHz
- **Intel® Xeon® processor E5-2650v4**: 12C/24T, 2.20 GHz, Turbo: 2.50 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 105 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz
- **Intel® Xeon® processor E5-2660v4**: 14C/28T, 2.00 GHz, Turbo: 2.40 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 105 W, AVX Base 1.70 GHz, AVX Turbo 2.40 GHz
- **Intel® Xeon® processor E5-2667v4**: 8C/16T, 3.20 GHz, Turbo: 3.50 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 135 W, AVX Base 2.60 GHz, AVX Turbo 3.50 GHz
- **Intel® Xeon® processor E5-2680v4**: 14C/28T, 2.40 GHz, Turbo: 2.90 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 120 W, AVX Base 1.90 GHz, AVX Turbo 2.80 GHz
- **Intel® Xeon® processor E5-2683v4**: 16C/32T, 2.10 GHz, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 120 W, AVX Base 1.70 GHz, AVX Turbo 2.50 GHz
- **Intel® Xeon® processor E5-2687Wv4**: 12C/24T, 3.00 GHz, Turbo: 3.20 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 160 W, AVX Base 2.60 GHz, AVX Turbo 3.20 GHz
- **Intel® Xeon® processor E5-2689v4**: 10C/20T, 3.10 GHz, Turbo: 3.70 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 165 W, AVX Base 2.80 GHz, AVX Turbo 3.20 GHz
- **Intel® Xeon® processor E5-2690v4**: 14C/28T, 2.60 GHz, Turbo: 3.20 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 135 W, AVX Base 2.10 GHz, AVX Turbo 2.90 GHz
- **Intel® Xeon® processor E5-2695v4**: 18C/36T, 2.10 GHz, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 120 W, AVX Base 1.70 GHz, AVX Turbo 2.40 GHz
- **Intel® Xeon® processor E5-2697Av4**: 16C/32T, 2.60 GHz, Turbo: 3.10 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 145 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz
- **Intel® Xeon® processor E5-2697v4**: 18C/36T, 2.30 GHz, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 145 W, AVX Base 2.00 GHz, AVX Turbo 2.70 GHz
- **Intel® Xeon® processor E5-2699Av4**: 20C/40T, 2.20 GHz, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 135 W, AVX Base 1.80 GHz, AVX Turbo 2.60 GHz
- **Intel® Xeon® processor E5-2699Av4**: 22C/44T, 2.40 GHz, Turbo: 3.00 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 145 W, AVX Base 2.00 GHz, AVX Turbo 2.80 GHz
- **Intel® Xeon® processor E5-2699Av4**: 22C/44T, 2.20 GHz, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2.400 MHz, 145 W, AVX Base 1.80 GHz, AVX Turbo 2.60 GHz

Memory slots: 16 / 4 channels per CPU with 8 DIMMs per CPU = 16 DIMMs in total

Memory capacity (min. - max.): 16 GB - 1024 GB

Memory protection: Advanced ECC, SDDC

Memory notes: Supports R-DIMM, LR-DIMM
Memory options
- 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 1Rx4
- 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx8
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 1Rx4
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx4
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx8
- 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx4
- 64 GB (1 module(s) 64 GB) DDR4 3DS, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 4Rx4
- 64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-L, LRDIMM, 4Rx4

Upgrade notes
- 4x in CX400 M1

Interfaces
- USB 3.0 ports: 2 x USB 3.0 (rear)
- Graphics (15-pin): 1 x VGA (1x rear)
- LAN / Ethernet (RJ-45): 3 / 2x Gbit/s Ethernet + 1x service LAN Onboard
- Management LAN (RJ45): Management LAN traffic can be switched to shared onboard Gbit LAN port

Onboard or integrated Controller
- RAID controller: RAID 0/1 for internal drives
- SATA Controller: Intel® C610, for up to 6 x 2.5 inch SATA or SSD SW Raid 0/1
- LAN Controller: 2 x 10/100/1000 Mbit/s Ethernet (TCP/IP acceleration)
- Remote management controller: Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible

Slots
- PCI-Express 3.0 x16: 2 x (for low profile)

Drive bays
- Storage drive bays: up to 6x 2.5-inch (in the PRIMERGY CX400 M1 chassis)
- Storage drive bay configuration: depending on hardware configuration

General system information
- Number of fans: 0
- Fan configuration: Centralized non hot plug fans part of CX400 Chassis

Operating panel
- Operating buttons: On/off switch
- ID button

Status LEDs
- Power (green)
- System status (orange)
- LAN speed (green / yellow)
- LAN connection (green)
- Identification (blue)

BIOS
BIOS features
- UEFI compliant
- Legacy BIOS compatibility customer configuration option
- Secure boot support
- ROM based setup utility
- GPT support for boot drives larger than 2.2 TB
- IPMI support
- Recovery BIOS
- BIOS settings save and restore
- Local BIOS update from USB device
- Online update tools for main Linux versions
- Local and remote update via ServerView Update Manager
- IPv4/IPv6 remote PXE & iSCSI boot support
Operating Systems and Virtualization Software

<table>
<thead>
<tr>
<th>Certified or supported operating systems and virtualization software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft® Hyper-V Server 2016</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2016 Datacenter</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2016 Standard</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2016 Essentials</td>
</tr>
<tr>
<td>Microsoft® Windows Storage Server 2016 Standard</td>
</tr>
<tr>
<td>Microsoft® Hyper-V Server 2012 R2</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2012 R2 Datacenter</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2012 R2 Standard</td>
</tr>
<tr>
<td>Microsoft® Windows Server® 2012 R2 Essentials</td>
</tr>
<tr>
<td>Microsoft® Windows Storage Server 2012 R2 Standard</td>
</tr>
<tr>
<td>VMware vSphere™ 6.5</td>
</tr>
<tr>
<td>VMware vSphere™ 6.0</td>
</tr>
<tr>
<td>VMware vSphere™ 5.5</td>
</tr>
<tr>
<td>SUSE® Linux Enterprise Server 12</td>
</tr>
<tr>
<td>SUSE® Linux Enterprise Server 11</td>
</tr>
<tr>
<td>Red Hat® Enterprise Linux 7</td>
</tr>
<tr>
<td>Red Hat® Enterprise Linux 6</td>
</tr>
<tr>
<td>Citrix® XenServer®</td>
</tr>
<tr>
<td>Oracle® VM 3</td>
</tr>
</tbody>
</table>

Operating system notes

Operating system release link: http://docs.ts.fujitsu.com/dll.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473

Standard

- ServerView Suite - Deploy
  - Installation Manager
  - Scripting Toolkit
- ServerView Suite - Control
  - Operations Manager incl. PDA and ASR & R
  - Agents and CIM Providers / Agentless Service
  - System Monitor
  - RAID Manager
  - Capacity Management
  - Power Management
  - Storage Support
- ServerView Suite - Maintain
  - Remote Management (iRMC)
  - Update Management (BIOS, Firmware, Windows Drives and SV Agents)
  - Performance Measurement
  - Asset Management
  - Online Diagnostics
- ServerView Suite - Integrate
  - Integration packs for Microsoft System Center, VMware vCenter, VMware vRealize, Nagios, and HP SIM
  - Deployment tools and others

Option

- ServerView embedded Lifecycle Management (eLCM)
- Lifecycle management
- ServerView Suite - Maintain
  - iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media

Dimensions

- Weight: 5 kg
- Node size: 1 U half wide (W175.5 x D520 x H40.8 mm)

Environment

- Operating ambient temperature: 5 - 40 °C (41 - 104 °F)
- Operating relative humidity: 10 - 85 % (non condensing)
- Temperature and humidity notes: Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. For detailed information see relevant system configurator.
- Maximum altitude: 3,000 m
Environment

Operating environment  FTS 04230 – Guideline for Data Center (installation specification)

Compliance

Global  CB
RoHS (Substance limitations in accordance with global RoHS regulations)
WEEE (Waste electrical and electronical equipment)
IEC 60950

Europe  CE Class A *
EN 60950 - 1
EN 50371
EN 55022
EN 61000-3-3
EN 55024

USA/Canada  UL/CSA
ICES-003 / NMB-003 Class A

Japan  VCCI Class A

Taiwan  CNS 13436
CNS 13438 class A

Compliance link  https://sp.ts.fujitsu.com/sites/certificates

Compliance notes  There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.
* Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Components

HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical
HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical

Hard disk drives

HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical

HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
## Solid-State-Drive

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Type</th>
<th>Interface</th>
<th>Hot-Plug</th>
<th>Write Intensive/Read-Intensive/Mixed-use</th>
<th>DWPD (Drive Writes Per Day for 5 years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>960 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>960 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>3 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>800 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Write-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>800 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>480 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Intensive, Read-Intensive</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>480 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>3 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>400 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Write-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>240 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>3 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>200 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Write-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>120 GB</td>
<td>SATA</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>3 DWPD</td>
</tr>
<tr>
<td>SSD SATA</td>
<td>6 Gb/s</td>
<td>1.92 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>960 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>960 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>3 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>800 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>800 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>1 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>800 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mainstream Endurance</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>480 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>400 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>400 GB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>3.84 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>3.84 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>3.84 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Write-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>3.2 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>1.92 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Read-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>1.92 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>1.6 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Write-Intensive</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>SSD SAS</td>
<td>12 Gb/s</td>
<td>1.6 TB</td>
<td>SAS</td>
<td>2.5-inch</td>
<td>Mixed-use</td>
<td>10 DWPD</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>128 GB</td>
<td>Write, Read, Mixed</td>
<td>0.13 DWPD</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>128 GB</td>
<td>Write, Read, Mixed</td>
<td>0.054 DWPD</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>64 GB</td>
<td>Write, Read, Mixed</td>
<td>384 TBW</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>64 GB</td>
<td>Write, Read, Mixed</td>
<td>0.14 DWPD</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>64 GB</td>
<td>Write, Read, Mixed</td>
<td>0.054 DWPD</td>
</tr>
<tr>
<td>PCIe &amp; SATA DOM SSD</td>
<td>DOM SATA</td>
<td>6 Gb/s</td>
<td>DOM</td>
<td>64 GB</td>
<td>Write, Read, Mixed</td>
<td>0.054 DWPD</td>
</tr>
<tr>
<td>SCSI / SAS Controller</td>
<td>LSI PSAS</td>
<td>CP400e LP SAS Ctrl.</td>
<td>12 Gb/s</td>
<td>8 ports ext.</td>
<td>PCIe 3.0 x8</td>
<td></td>
</tr>
<tr>
<td>SCSI / SAS Controller</td>
<td>Fujitsu PSAS</td>
<td>CP400i SAS Ctrl.</td>
<td>12 Gb/s</td>
<td>8 ports int.</td>
<td>PCIe 3.0 x8</td>
<td></td>
</tr>
</tbody>
</table>
**RAID Controller**

Fujitsu PRAID EP420i, RAID 5/6 Ctrl. SAS/SATA, 12 Gbit/s, 8 ports int.
RAID level: 0, 1, 10, 50, 50, 60, 2 GB, Optional FBU based on LSI SAS310B

Fujitsu PRAID EP420i for SafeStore, RAID 5/6 Ctrl. SAS/SATA, 12 Gbit/s, 8 ports int.
RAID level: 0, 1, 10, 50, 50, 60, 2 GB, Optional FBU based on LSI SAS310B

RAID level: 0, 1, 10, 50, 50, 60, 1 GB, Optional FBU based on LSI SAS310B

Fujitsu PRAID CP400i, RAID Ctrl. SAS/SATA 12 Gbit/s, 8 ports int.
RAID level: 0, 1, 1, 10, 50, 50, No FBU support

**Fibre Channel controller**

Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style

Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style

Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style

Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Emulex LPe12002 MMF LC-style

Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style

Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F MMF LC-style

Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style

Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 LC-style

Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style

Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-F MMF LC-style

**Communication, Network**

Converged Network Adapter 1 x 40 Gbit/s PCIe 3.0 x8 QSFP+ (Emulex)

Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ (Fujitsu)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 RJ45 (Intel®)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 10Gbit/s Eth (RJ45) (Emulex)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 RJ45 (Intel®)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)

Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Intel®)

Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)

Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)

InfiniBand HCA 1 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)

InfiniBand HCA 1 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)

InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)

InfiniBand HCA 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)

InfiniBand HCA 2 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)

**Communication, Network**

InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)

Omni Path 1 x PCIe 3.0 x16 (Intel®)

**Warranty**

**Warranty period**
3 years

**Warranty type**
Onsite warranty

**Product Related Services - the perfect extension**

**Recommended Service**
X - 24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.

**Service Weblink**
http://www.fujitsu.com/fts/services/support
More information

Fujitsu OPTIMIZATION Services
In addition to Fujitsu PRIMERGY CX2550 M2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation’s reliability.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

Fujitsu green policy innovation
Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment.

More information
Learn more about Fujitsu PRIMERGY CX2550 M2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/primergy

Copyrights
All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://www.fujitsu.com/fts/resources/navigation/terms-of-use.html
Copyright 2017 FUJITSU LIMITED

Disclaimer
Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact
FUJITSU LIMITED
Website: www.fujitsu.com
2017-11-08 INT-EN